

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120321\
 Data File : VX025493.D
 Acq On : 03 Dec 2021 19:26
 Operator : JC/MD
 Sample : M4924-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 04 06:53:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 17 15:36:16 2021
 Response via : Initial Calibration

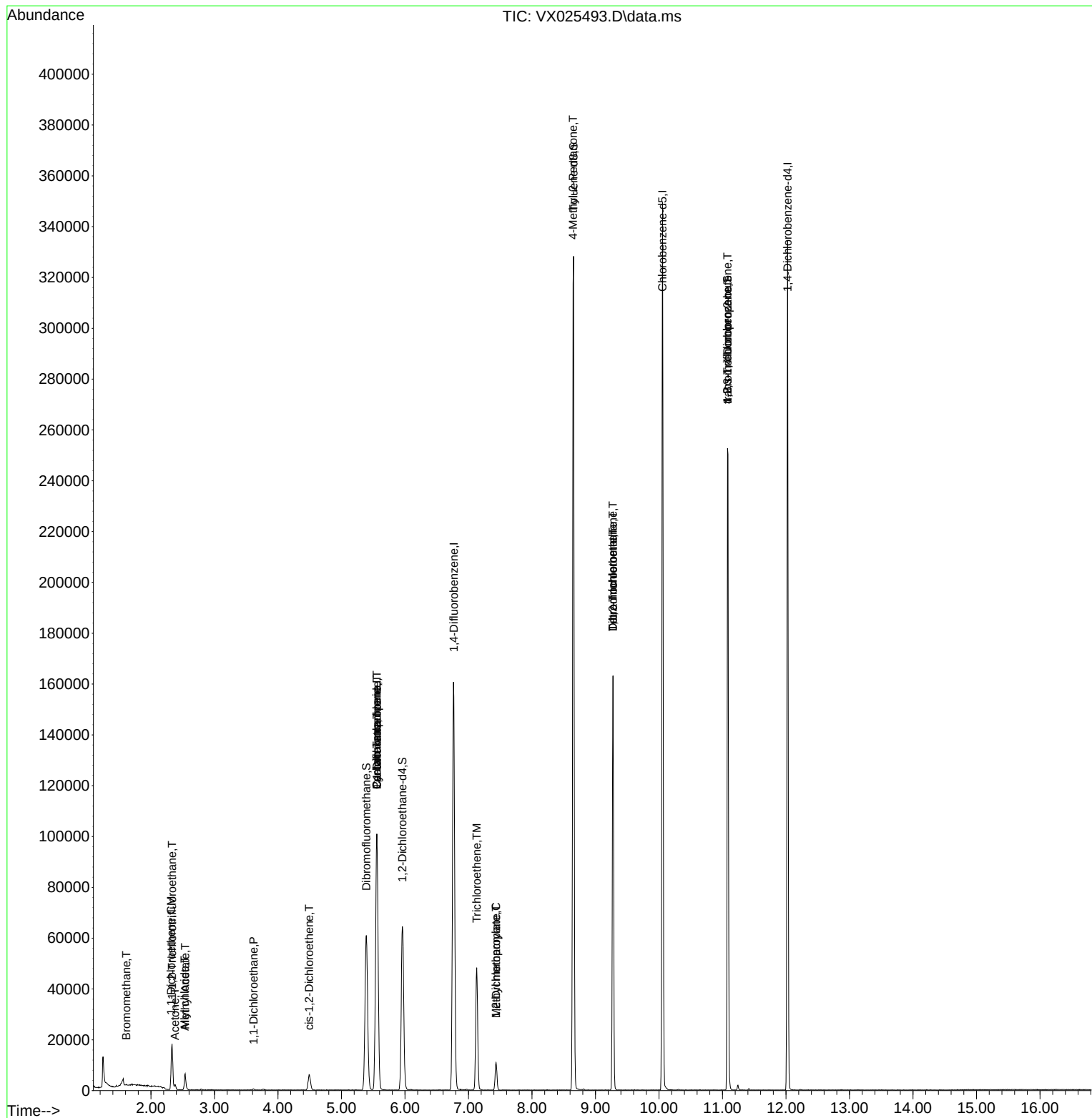
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	100455	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	173347	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	156581	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	68825	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	60904	57.518	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	115.040%
35) Dibromofluoromethane	5.391	113	53283	50.097	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.200%
50) Toluene-d8	8.653	98	199825	49.969	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.940%
62) 4-Bromofluorobenzene	11.079	95	70560	46.640	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.280%
Target Compounds						Qvalue
5) Bromomethane	1.612	94	102	0.200	ug/l #	63
9) 1,1,2-Trichlorotrifluo...	2.331	101	6828	7.304	ug/l	99
12) 1,1-Dichloroethene	2.319	96	504	0.541	ug/l #	70
14) Allyl chloride	2.532	41	571	0.339	ug/l #	59
16) Acetone	2.380	43	2205	3.748	ug/l	92
18) Methyl Acetate	2.538	43	1889	1.005	ug/l #	52
24) 1,1-Dichloroethane	3.617	63	557	0.318	ug/l #	83
27) cis-1,2-Dichloroethene	4.489	96	3997	3.356	ug/l	85
31) Cyclohexane	5.556	56	1744	1.066	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	6965	4.605	ug/l #	50
38) Carbon Tetrachloride	5.556	117	9533	5.723	ug/l #	16
44) Trichloroethene	7.129	130	19545	14.685	ug/l	90
45) 1,2-Dichloropropane	7.434	63	4463	3.966	ug/l	95
48) Methyl methacrylate	7.434	41	2129	1.584	ug/l #	36
51) 4-Methyl-2-Pentanone	8.647	43	891	0.496	ug/l #	1
55) 1,1,2-Trichloroethane	9.275	97	240	0.202	ug/l #	30
60) Dibromochloromethane	9.275	129	26737	19.541	ug/l #	11
64) Tetrachloroethene	9.275	164	29724	23.021	ug/l	92
76) 1,2,3-Trichloropropane	11.079	75	33918	24.066	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	33918	60.626	ug/l #	9
95) Naphthalene	13.780	128	22	Below Cal	#	69

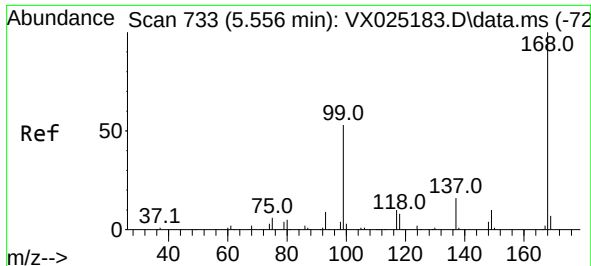
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
ClientSampleId :

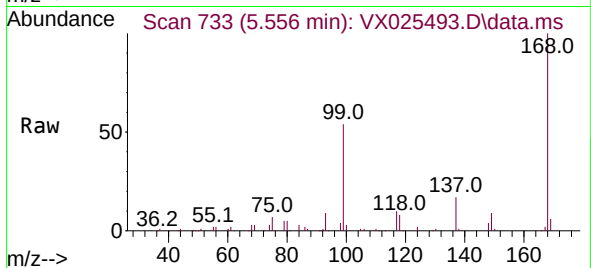
Quant Time: Dec 04 06:53:42 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 17 15:36:16 2021
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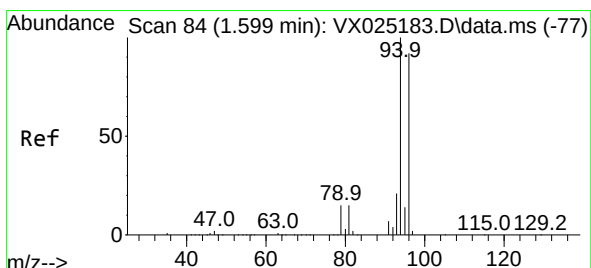
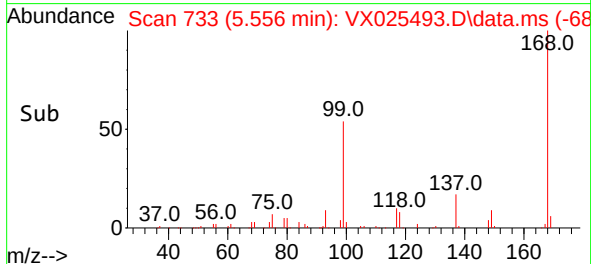
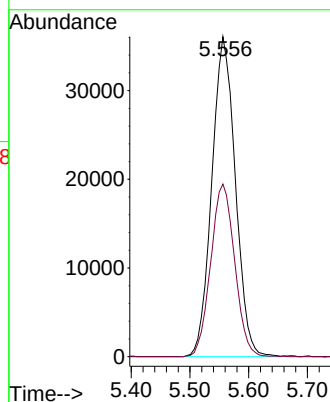


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX025493.D
Acq: 03 Dec 2021 19:26

Instrument :
MSVOA_X
ClientSampleId :

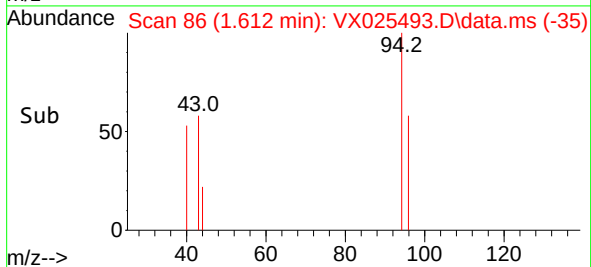
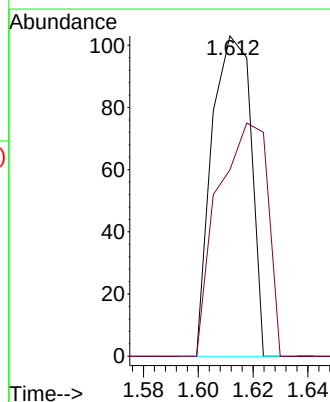
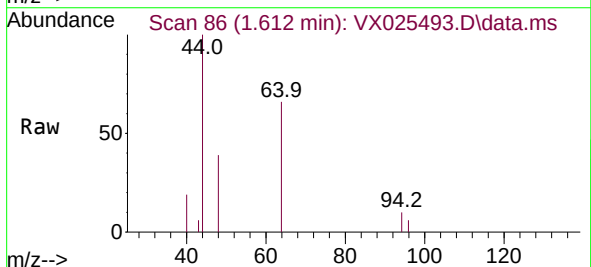


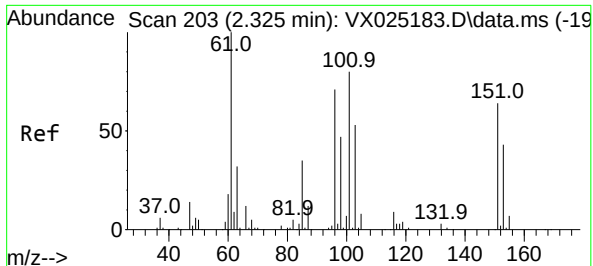
Tgt Ion:168 Resp: 100455
Ion Ratio Lower Upper
168 100
99 54.0 46.4 69.6



#5
Bromomethane
Concen: 0.200 ug/l
RT: 1.612 min Scan# 86
Delta R.T. 0.013 min
Lab File: VX025493.D
Acq: 03 Dec 2021 19:26

Tgt Ion: 94 Resp: 102
Ion Ratio Lower Upper
94 100
96 58.3 74.8 112.2#

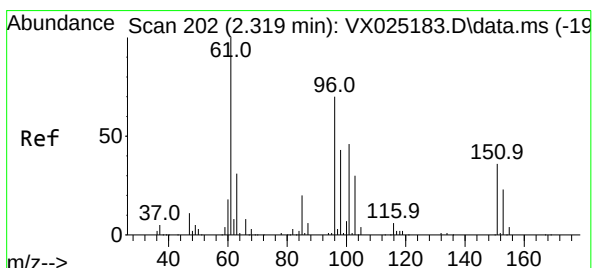
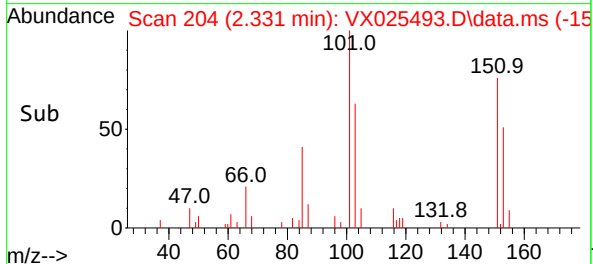
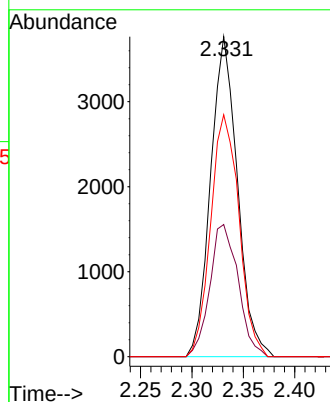
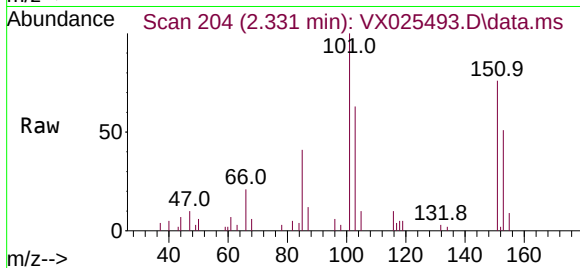




#9
1,1,2-Trichlorotrifluoroethane
Concen: 7.304 ug/l
RT: 2.331 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX025493.D
Acq: 03 Dec 2021 19:26

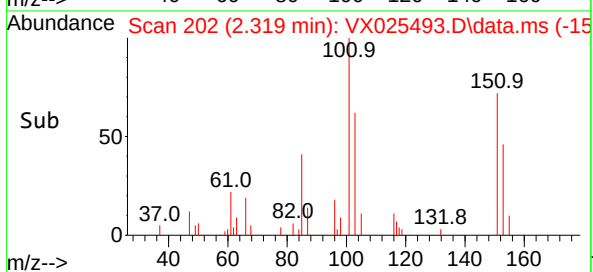
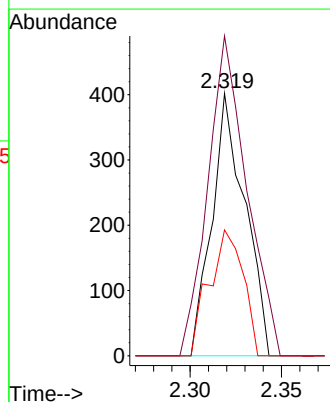
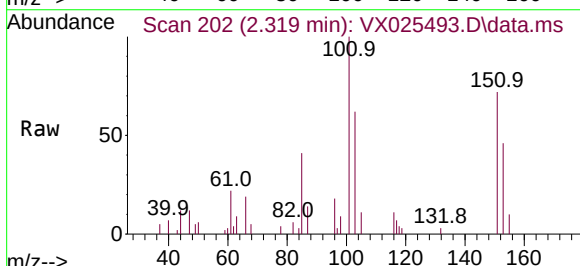
Instrument :
MSVOA_X
ClientSampleId :

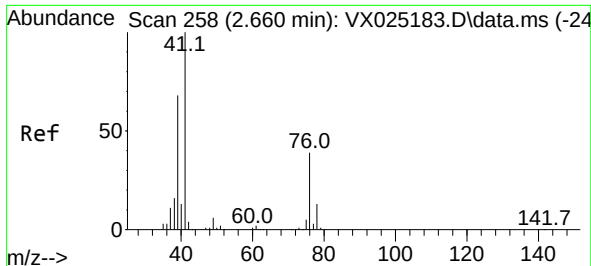
Tgt Ion:101 Resp: 6828
Ion Ratio Lower Upper
101 100
85 43.6 35.9 53.9
151 79.7 64.4 96.6



#12
1,1-Dichloroethene
Concen: 0.541 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX025493.D
Acq: 03 Dec 2021 19:26

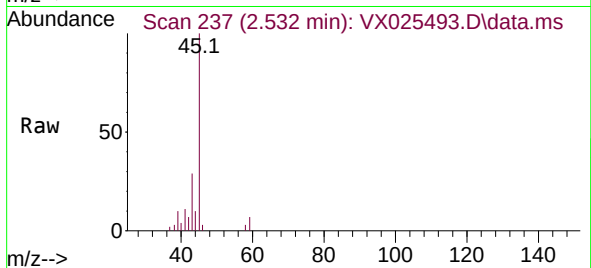
Tgt Ion: 96 Resp: 504
Ion Ratio Lower Upper
96 100
61 121.9 134.1 201.1#
98 48.0 51.5 77.3#



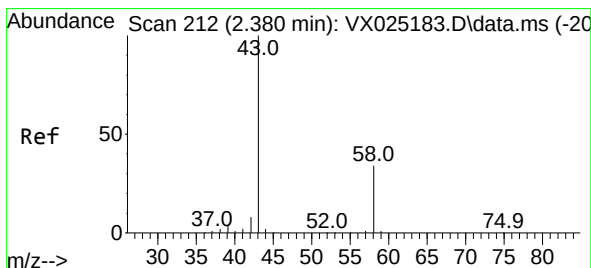
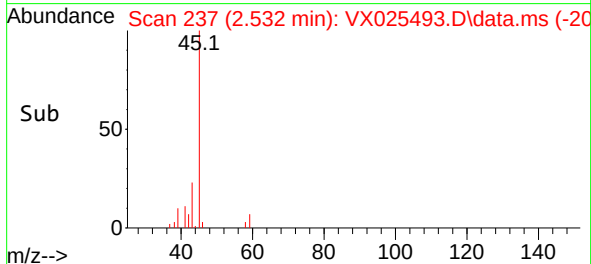
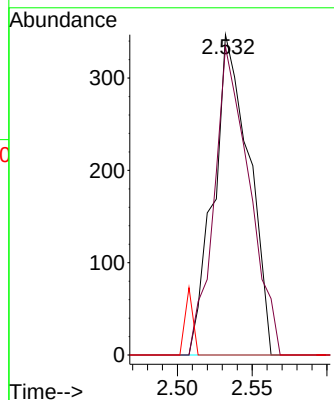


#14
Allyl chloride
Concen: 0.339 ug/l
RT: 2.532 min Scan# 21
Delta R.T. -0.128 min
Lab File: VX025493.D
Acq: 03 Dec 2021 19:26

Instrument :
MSVOA_X
ClientSampleId :

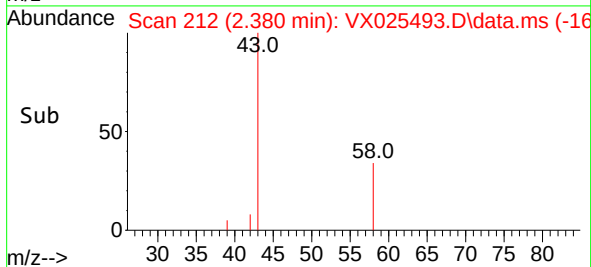
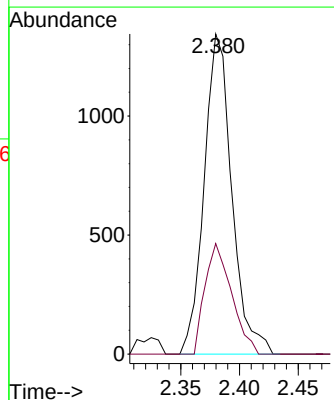
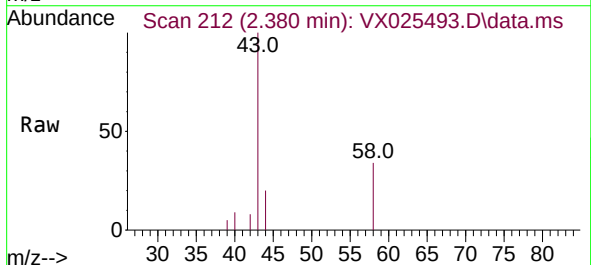


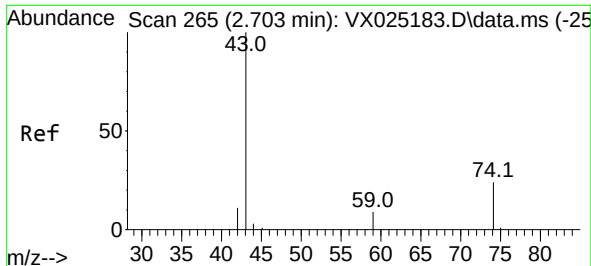
Tgt Ion: 41 Resp: 571
Ion Ratio Lower Upper
41 100
39 95.4 54.6 82.0#
76 0.0 25.3 37.9#



#16
Acetone
Concen: 3.748 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX025493.D
Acq: 03 Dec 2021 19:26

Tgt Ion: 43 Resp: 2205
Ion Ratio Lower Upper
43 100
58 34.5 24.0 36.0

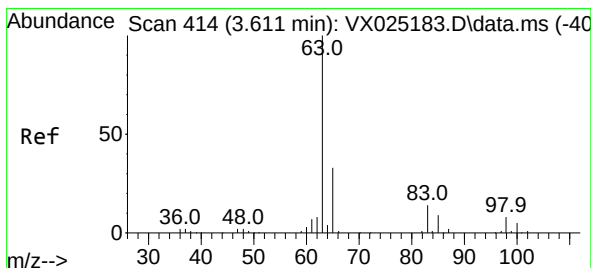
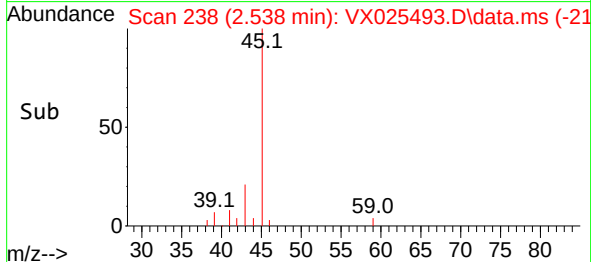
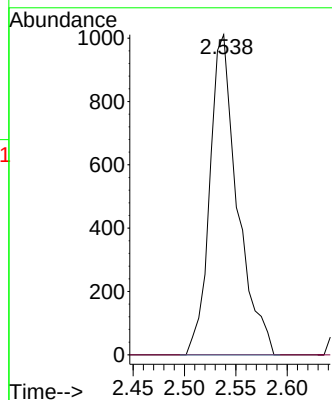
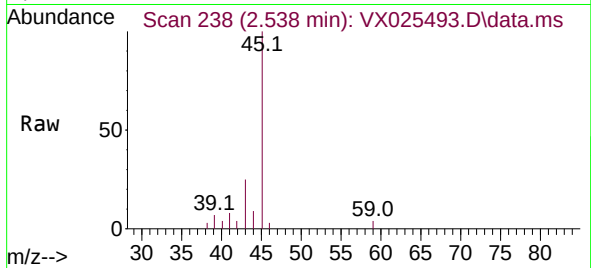




#18
Methyl Acetate
Concen: 1.005 ug/l
RT: 2.538 min Scan# 21
Delta R.T. -0.165 min
Lab File: VX025493.D
Acq: 03 Dec 2021 19:26

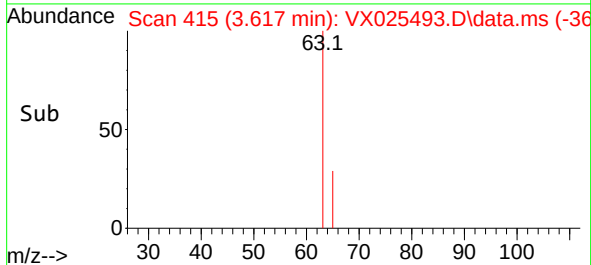
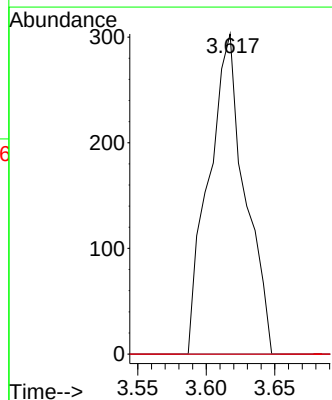
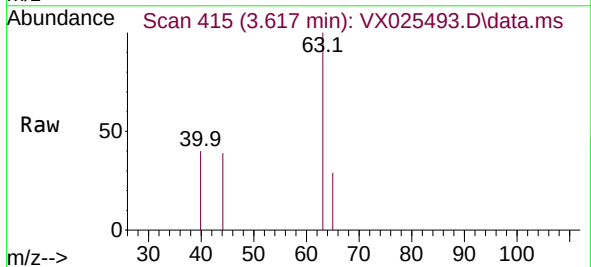
Instrument :
MSVOA_X
ClientSampleId :

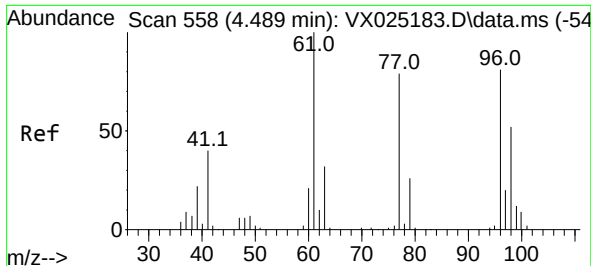
Tgt Ion: 43 Resp: 1889
Ion Ratio Lower Upper
43 100
74 0.0 19.0 28.6#



#24
1,1-Dichloroethane
Concen: 0.318 ug/l
RT: 3.617 min Scan# 415
Delta R.T. 0.006 min
Lab File: VX025493.D
Acq: 03 Dec 2021 19:26

Tgt Ion: 63 Resp: 557
Ion Ratio Lower Upper
63 100
98 0.0 3.3 9.9#
100 0.0 2.1 6.2#





#27

cis-1,2-Dichloroethene

Concen: 3.356 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.000 min

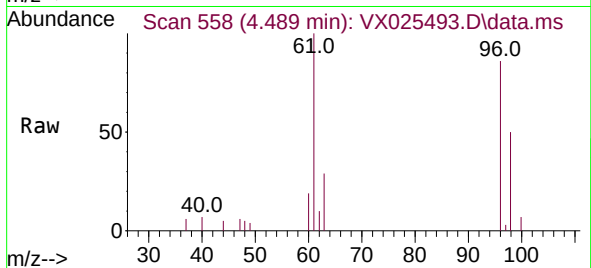
Lab File: VX025493.D

Acq: 03 Dec 2021 19:26

Instrument :

MSVOA_X

ClientSampleId :



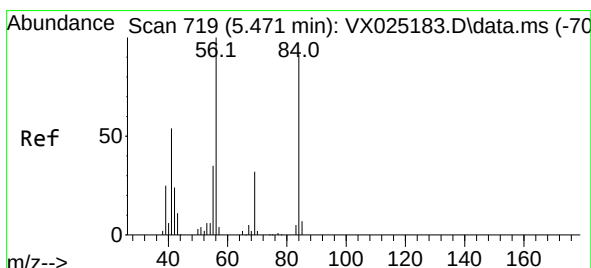
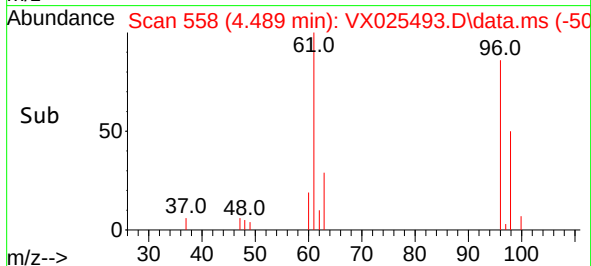
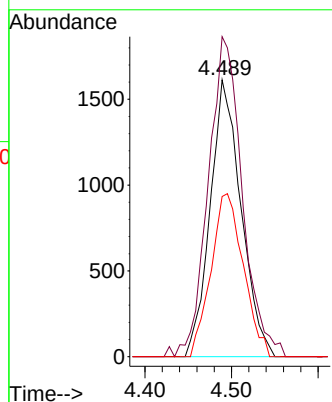
Tgt Ion: 96 Resp: 3997

Ion Ratio Lower Upper

96 100

61 127.2 0.0 302.2

98 61.6 0.0 131.4



#31

Cyclohexane

Concen: 1.066 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.085 min

Lab File: VX025493.D

Acq: 03 Dec 2021 19:26

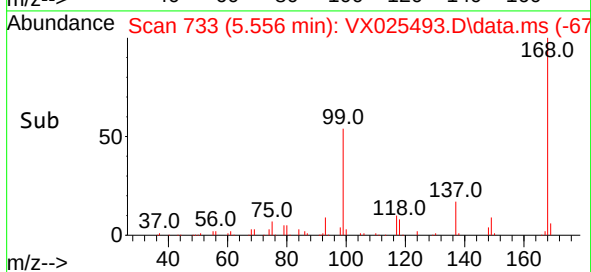
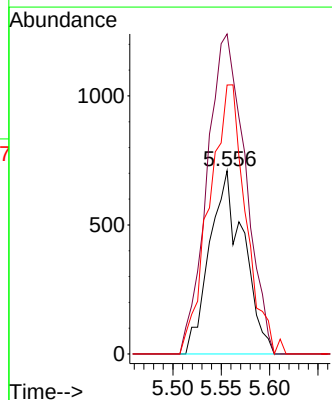
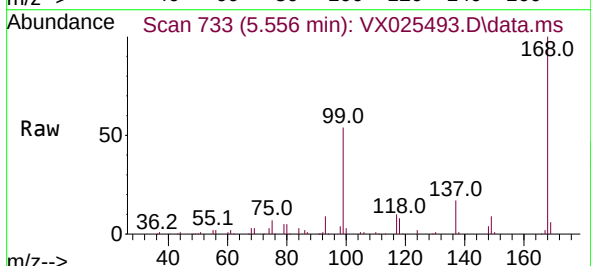
Tgt Ion: 56 Resp: 1744

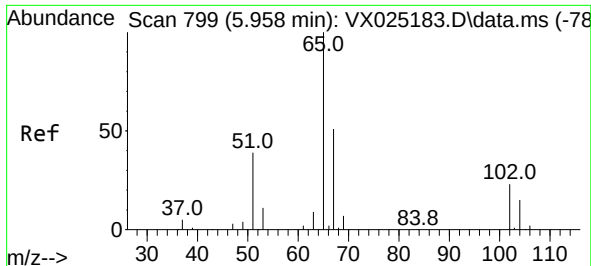
Ion Ratio Lower Upper

56 100

69 174.6 24.2 36.2#

84 146.8 71.5 107.3#





#33

1,2-Dichloroethane-d4

Concen: 57.518 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX025493.D

Acq: 03 Dec 2021 19:26

Instrument :

MSVOA_X

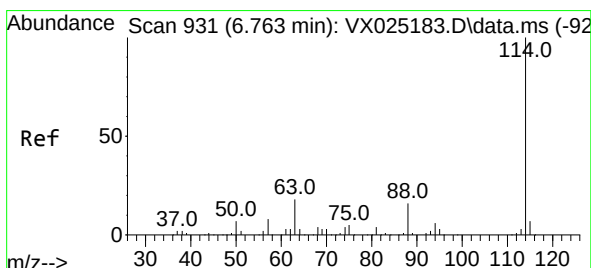
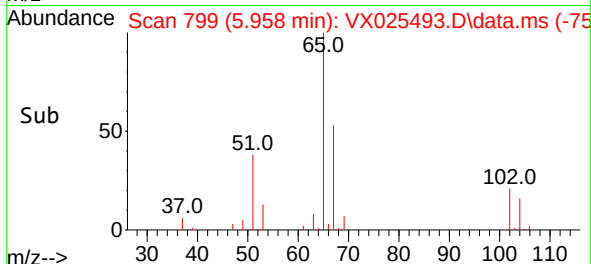
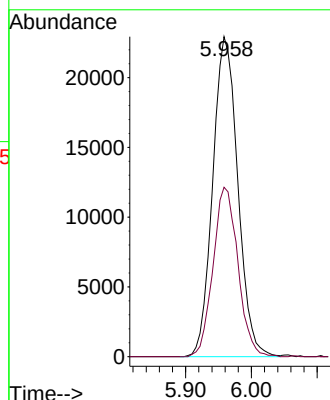
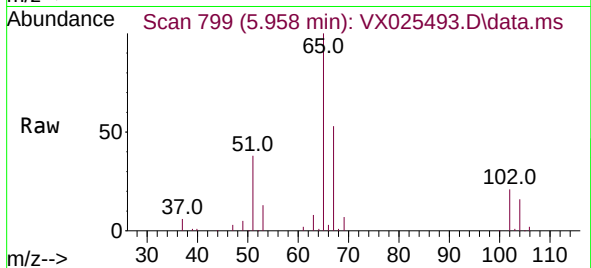
ClientSampleId :

Tgt Ion: 65 Resp: 60904

Ion Ratio Lower Upper

65 100

67 52.5 0.0 101.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.006 min

Lab File: VX025493.D

Acq: 03 Dec 2021 19:26

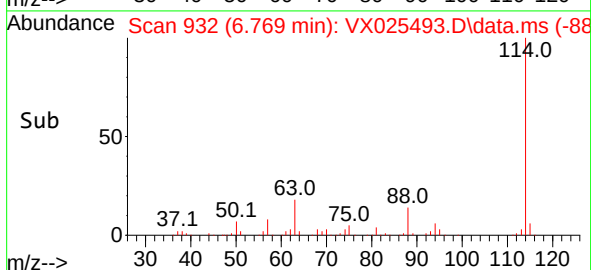
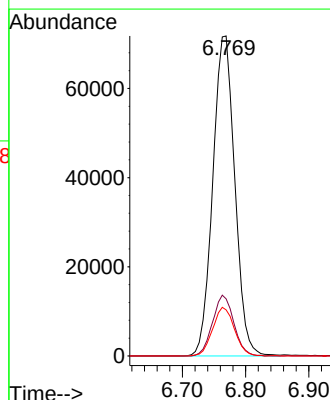
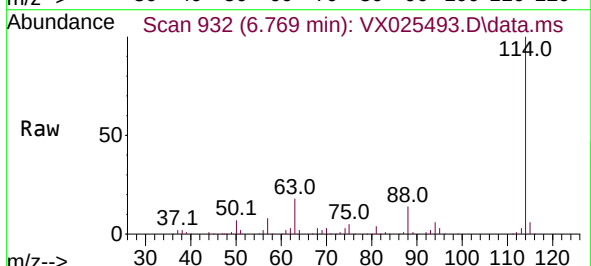
Tgt Ion: 114 Resp: 173347

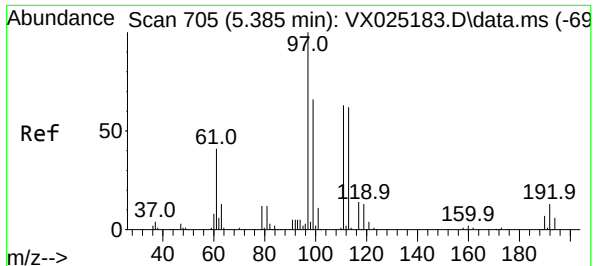
Ion Ratio Lower Upper

114 100

63 17.9 0.0 41.0

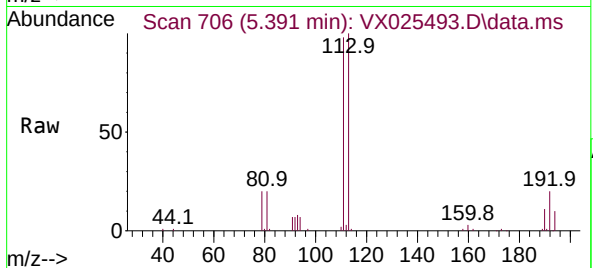
88 14.4 0.0 34.8



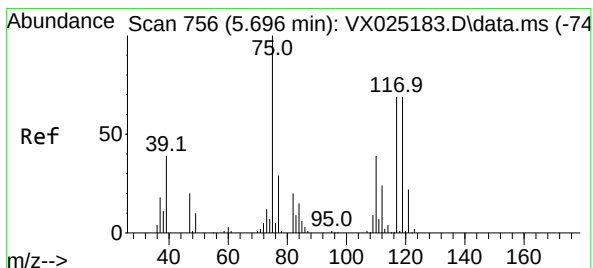
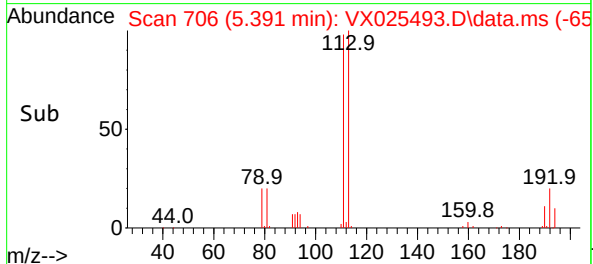
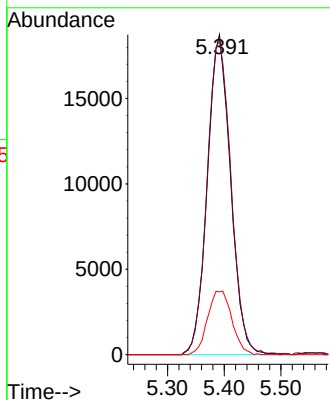


#35
Dibromofluoromethane
Concen: 50.097 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX025493.D
Acq: 03 Dec 2021 19:26

Instrument :
MSVOA_X
ClientSampleId :

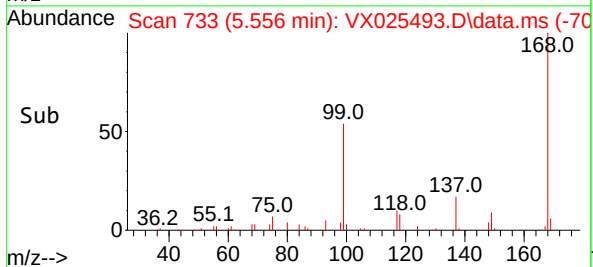
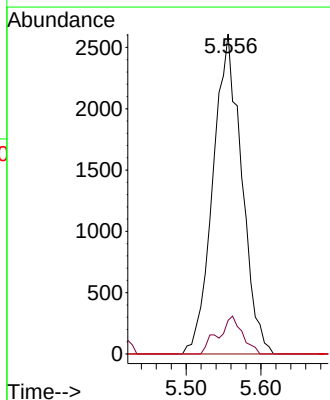
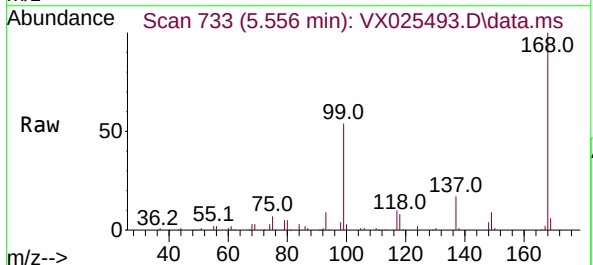


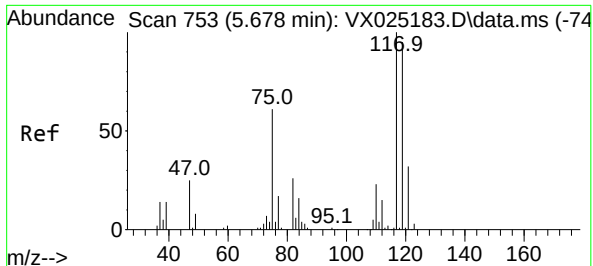
Tgt Ion:113 Resp: 53283
Ion Ratio Lower Upper
113 100
111 101.8 82.1 123.1
192 20.8 15.6 23.4



#36
1,1-Dichloropropene
Concen: 4.605 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX025493.D
Acq: 03 Dec 2021 19:26

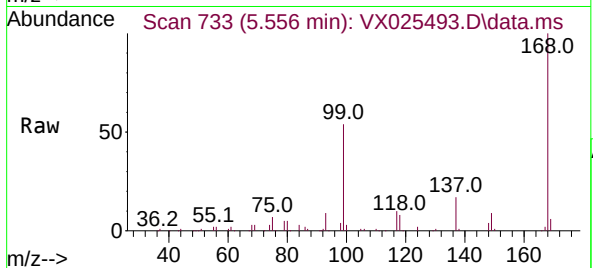
Tgt Ion: 75 Resp: 6965
Ion Ratio Lower Upper
75 100
110 9.9 18.1 54.3#
77 0.0 24.4 36.6#



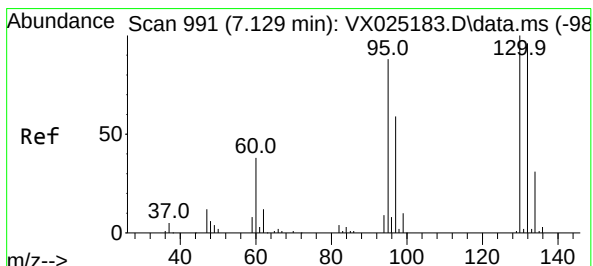
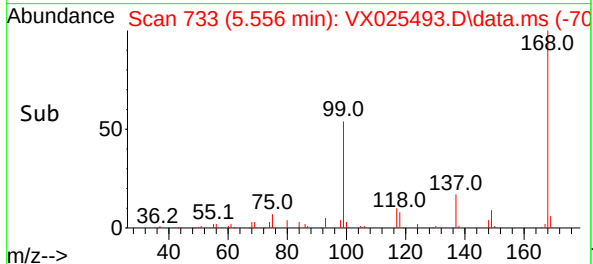
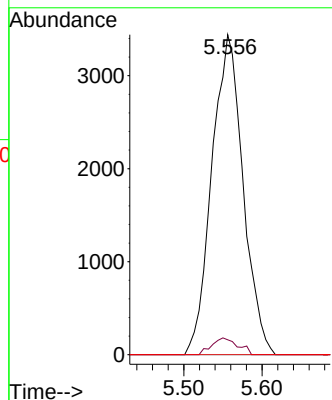


#38
Carbon Tetrachloride
Concen: 5.723 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX025493.D
Acq: 03 Dec 2021 19:26

Instrument :
MSVOA_X
ClientSampleId :

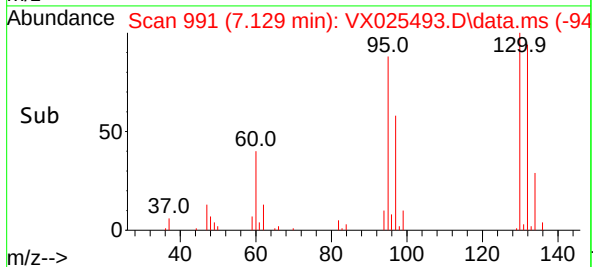
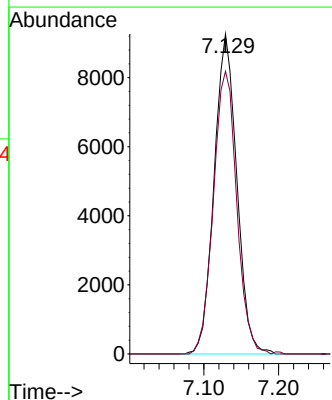
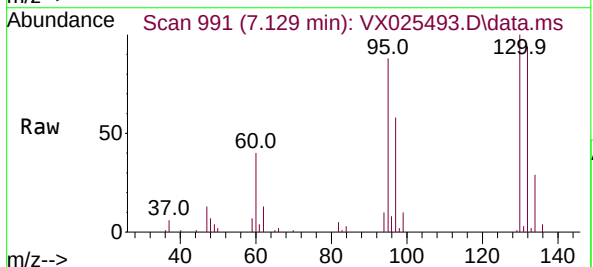


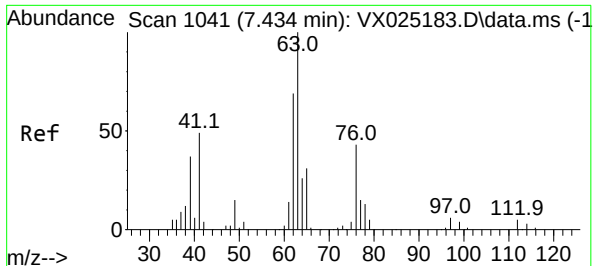
Tgt Ion:117 Resp: 9533
Ion Ratio Lower Upper
117 100
119 4.7 75.6 113.4#
121 0.0 23.7 35.5#



#44
Trichloroethene
Concen: 14.685 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX025493.D
Acq: 03 Dec 2021 19:26

Tgt Ion:130 Resp: 19545
Ion Ratio Lower Upper
130 100
95 88.4 0.0 196.8





#45

1,2-Dichloropropane

Concen: 3.966 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VX025493.D

Acq: 03 Dec 2021 19:26

Instrument :

MSVOA_X

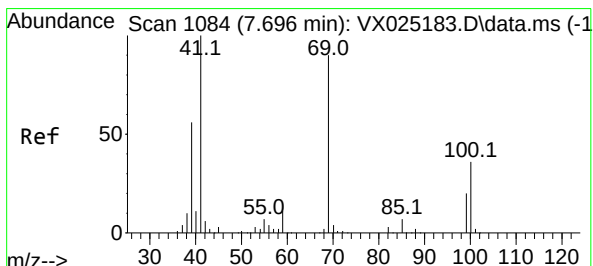
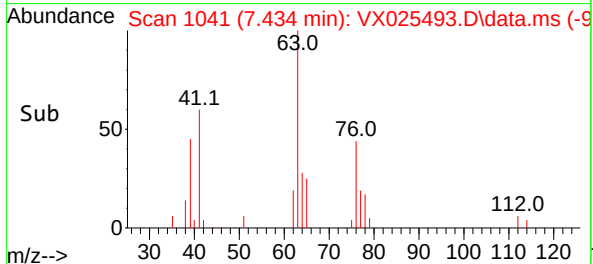
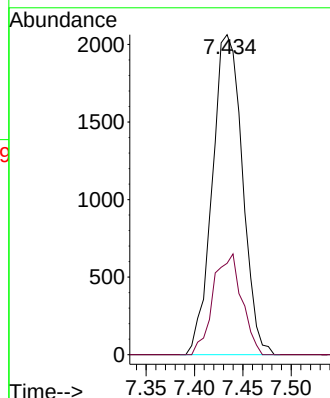
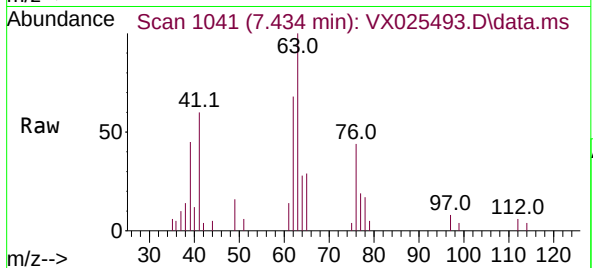
ClientSampleId :

Tgt Ion: 63 Resp: 4463

Ion Ratio Lower Upper

63 100

65 28.6 25.1 37.7



#48

Methyl methacrylate

Concen: 1.584 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. -0.262 min

Lab File: VX025493.D

Acq: 03 Dec 2021 19:26

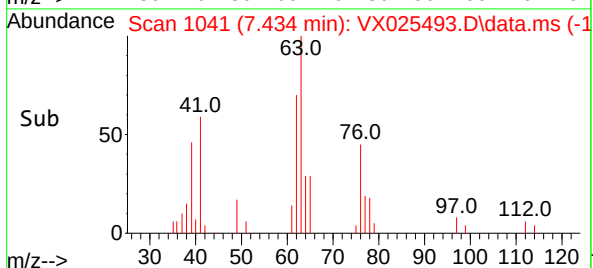
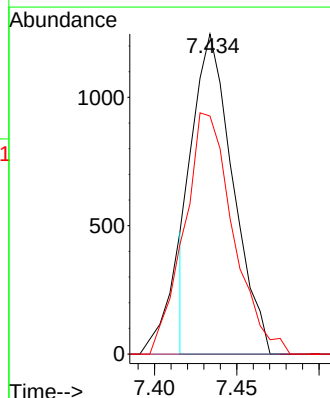
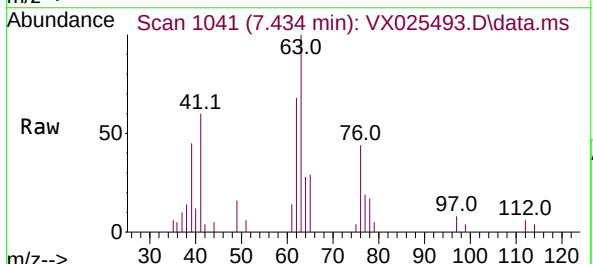
Tgt Ion: 41 Resp: 2129

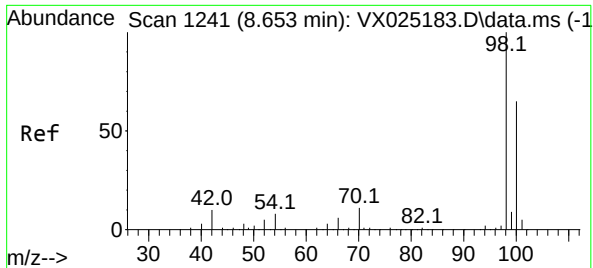
Ion Ratio Lower Upper

41 100

69 0.0 64.5 96.7#

39 78.7 46.9 70.3#

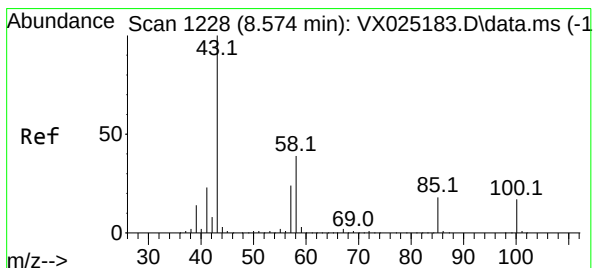
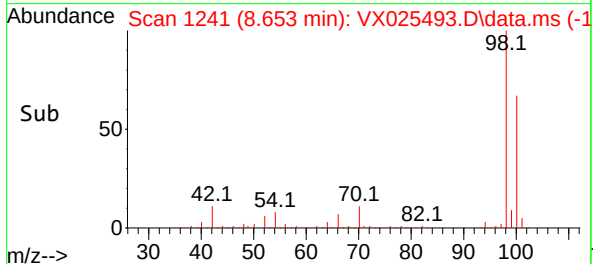
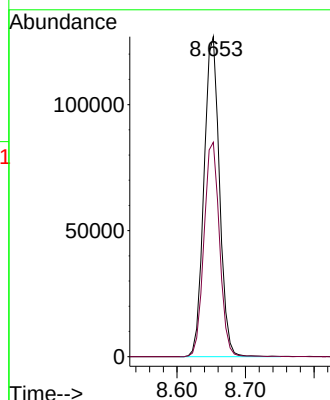
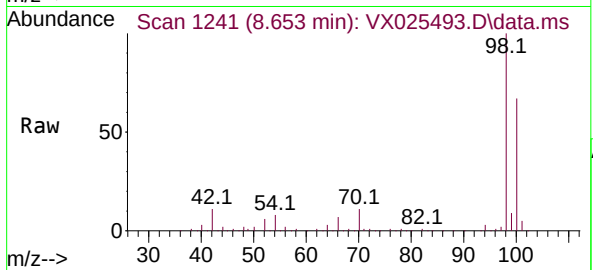




#50
Toluene-d8
Concen: 49.969 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025493.D
Acq: 03 Dec 2021 19:26

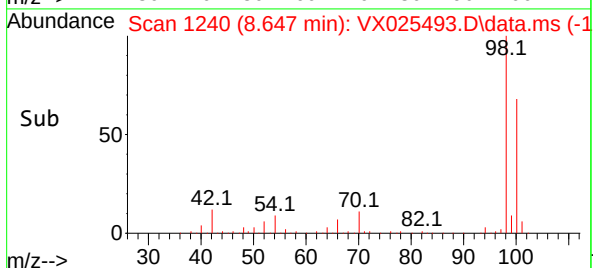
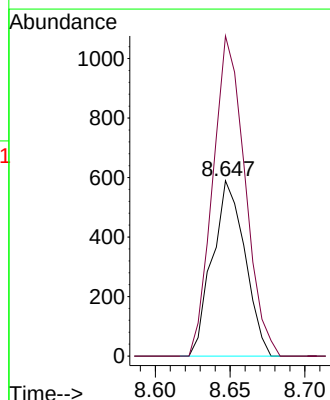
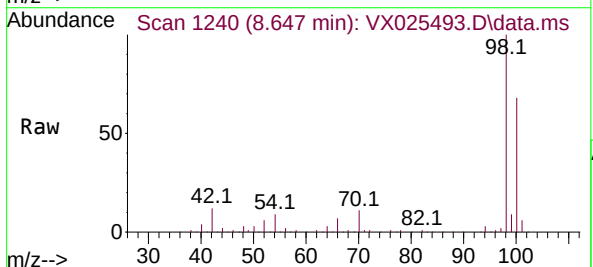
Instrument :
MSVOA_X
ClientSampleId :

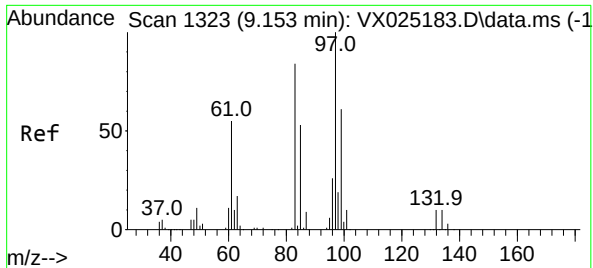
Tgt Ion: 98 Resp: 199825
Ion Ratio Lower Upper
98 100
100 67.2 51.4 77.0



#51
4-Methyl-2-Pentanone
Concen: 0.496 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX025493.D
Acq: 03 Dec 2021 19:26

Tgt Ion: 43 Resp: 891
Ion Ratio Lower Upper
43 100
58 180.7 30.9 46.3#



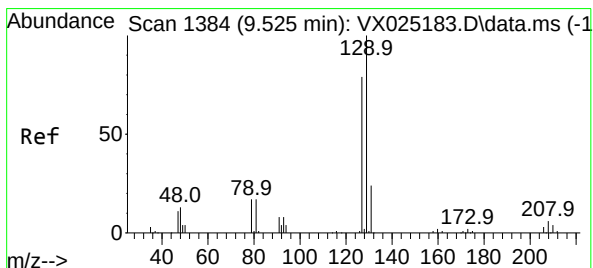
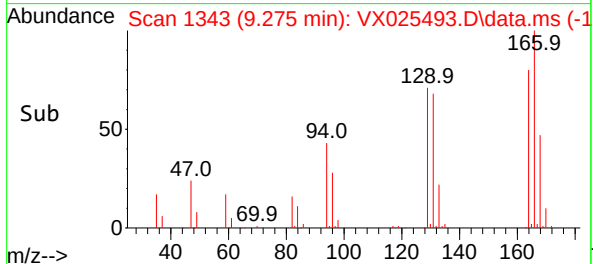
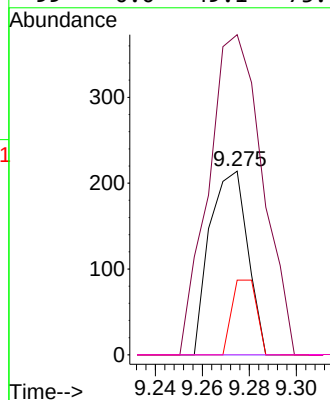
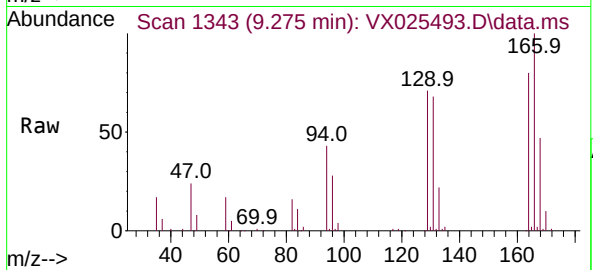


#55
1,1,2-Trichloroethane
Concen: 0.202 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.122 min
Lab File: VX025493.D
Acq: 03 Dec 2021 19:26

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 97 Resp: 240

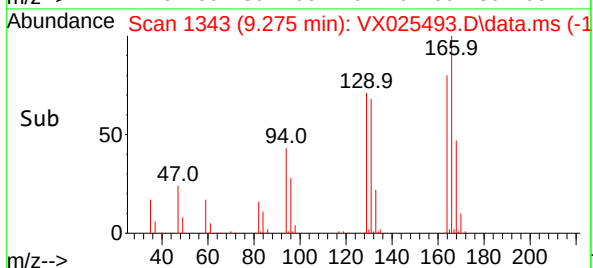
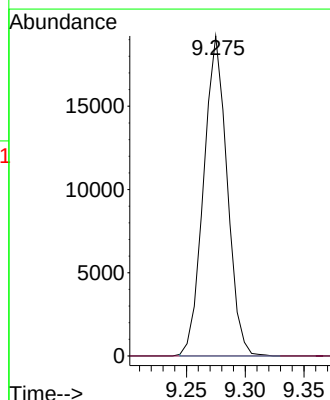
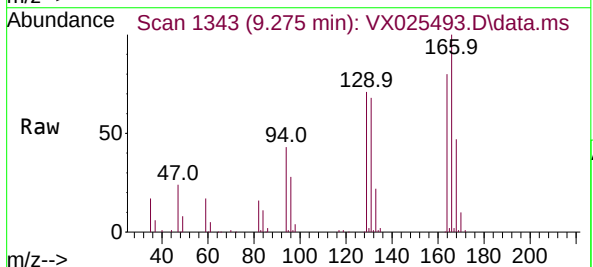
Ion	Ratio	Lower	Upper
97	100		
83	174.3	69.2	103.8#
85	40.7	43.3	64.9#
99	0.0	49.1	73.7#

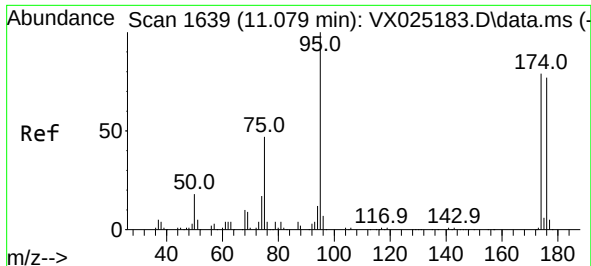


#60
Dibromochloromethane
Concen: 19.541 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX025493.D
Acq: 03 Dec 2021 19:26

Tgt Ion: 129 Resp: 26737

Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.5	115.5#





#62

4-Bromofluorobenzene

Concen: 46.640 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX025493.D

Acq: 03 Dec 2021 19:26

Instrument :

MSVOA_X

ClientSampleId :

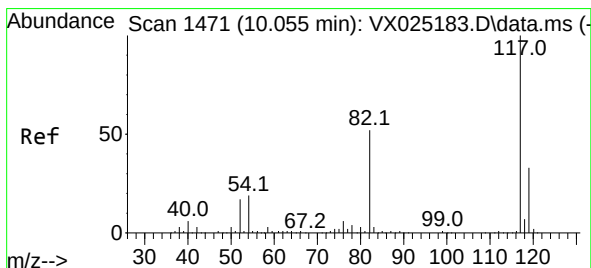
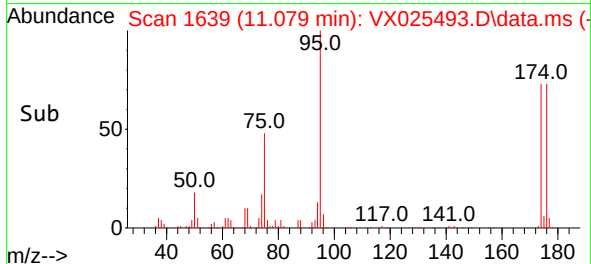
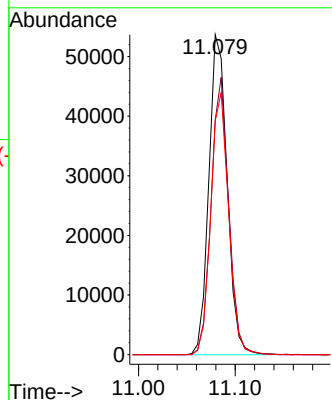
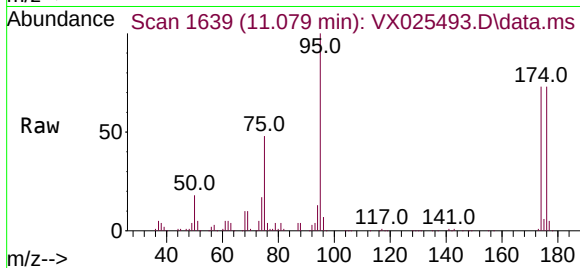
Tgt Ion: 95 Resp: 70560

Ion Ratio Lower Upper

95 100

174 83.1 0.0 158.0

176 80.3 0.0 153.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX025493.D

Acq: 03 Dec 2021 19:26

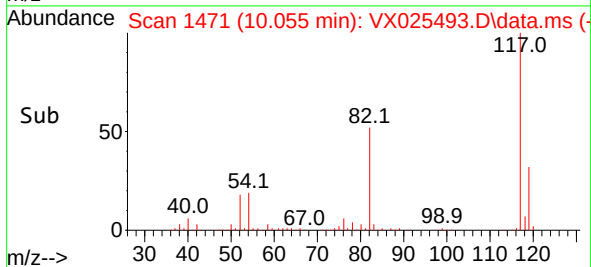
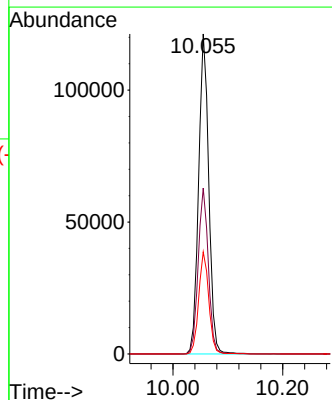
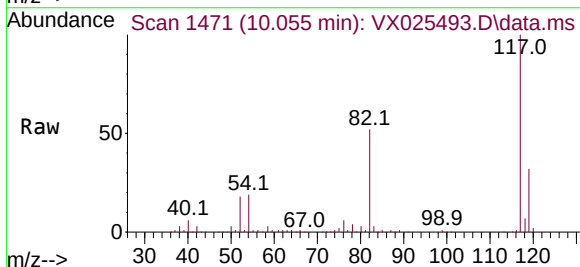
Tgt Ion: 117 Resp: 156581

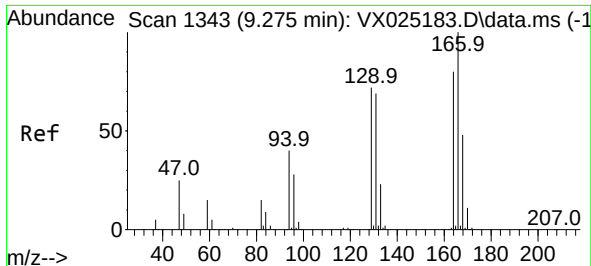
Ion Ratio Lower Upper

117 100

82 51.8 44.6 67.0

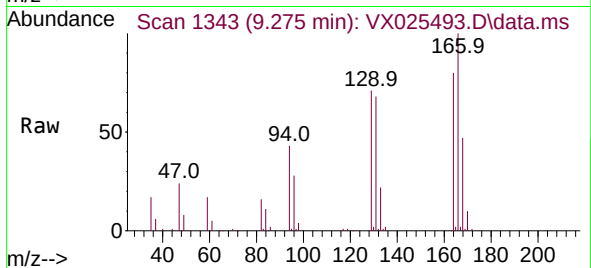
119 31.9 24.8 37.2



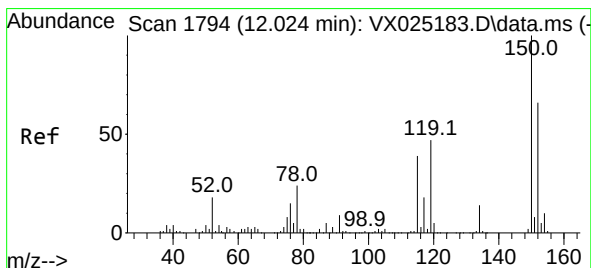
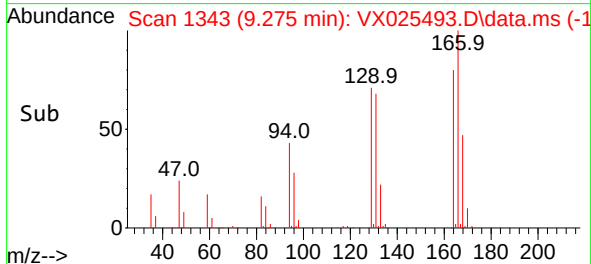
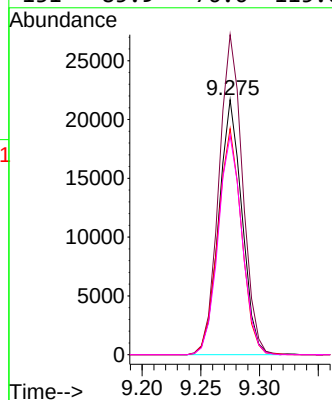


#64
Tetrachloroethene
Concen: 23.021 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025493.D
Acq: 03 Dec 2021 19:26

Instrument :
MSVOA_X
ClientSampleId :

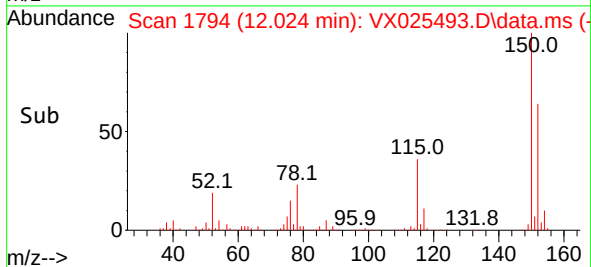
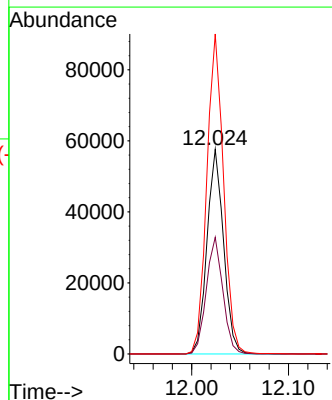
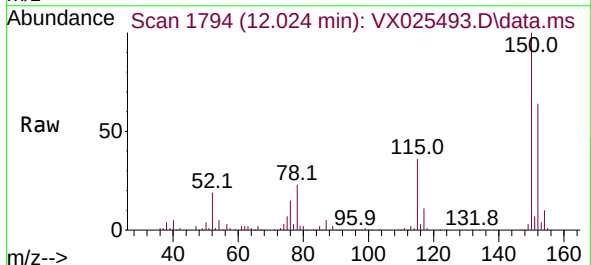


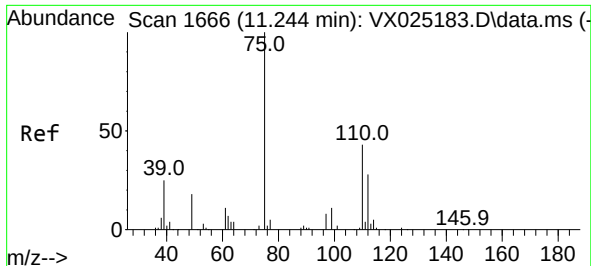
Tgt Ion:164 Resp: 29724
Ion Ratio Lower Upper
164 100
166 125.5 103.2 154.8
129 88.6 81.0 121.4
131 85.9 76.6 115.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX025493.D
Acq: 03 Dec 2021 19:26

Tgt Ion:152 Resp: 68825
Ion Ratio Lower Upper
152 100
115 57.0 43.3 129.8
150 157.4 0.0 351.2

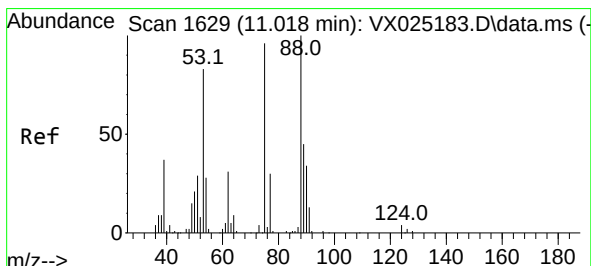
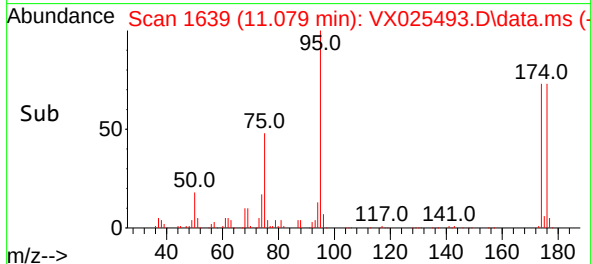
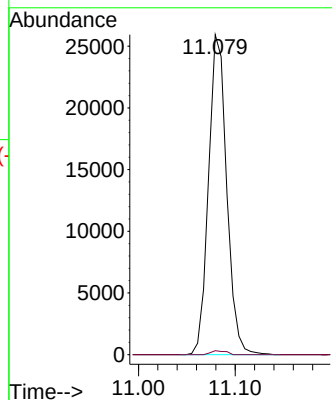
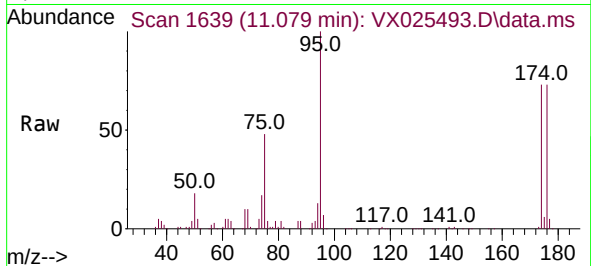




#76
1,2,3-Trichloropropane
Concen: 24.066 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX025493.D
Acq: 03 Dec 2021 19:26

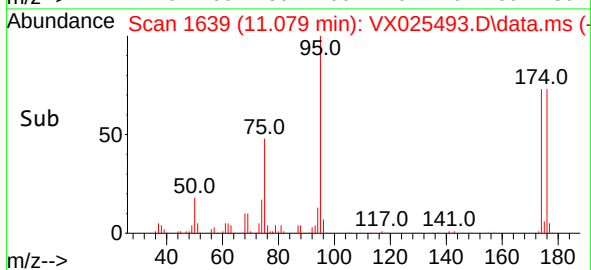
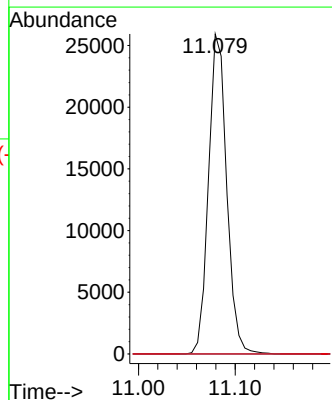
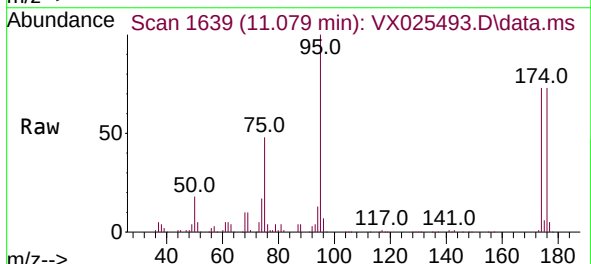
Instrument :
MSVOA_X
ClientSampleId :

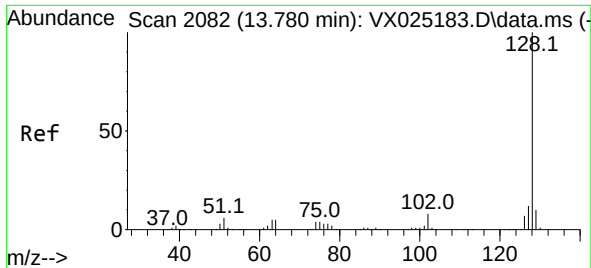
Tgt Ion: 75 Resp: 33918
Ion Ratio Lower Upper
75 100
77 1.0 20.0 59.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 60.626 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX025493.D
Acq: 03 Dec 2021 19:26

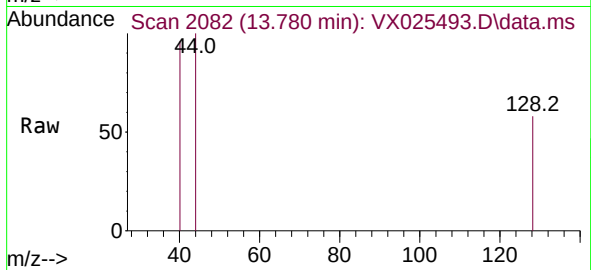
Tgt Ion: 75 Resp: 33918
Ion Ratio Lower Upper
75 100
53 0.0 81.9 122.9#
89 0.0 38.2 57.2#





#95
Naphthalene
Concen: Below Cal
RT: 13.780 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX025493.D
Acq: 03 Dec 2021 19:26

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 22
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

